



OTPE JC88  
JUL 29 2004

JUL 30 2004

Page 1 of 2

Express Mail No. EV 449559480US

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/803,179	03/17/2004	Sung Hwan Moon	200146.402C3

00500  
SEED INTELLECTUAL PROPERTY LAW GROUP PLLC  
701 FIFTH AVE  
SUITE 6300  
SEATTLE, WA 98104-7092

CONFIRMATION NO. 4168  
FORMALITIES LETTER



\*OC000000012831930\*

Date Mailed: 06/01/2004

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

***Filing Date Granted***

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1); See Figure(s) 7A.
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 4A-6E, 12, 14B, 14C.

08/03/2004 FFANAI02 00000010 10003179  
01 FC:1001  
02 FC:1051  
03 FC:1202

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$2072** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

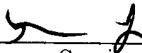
Total additional fee(s) required for this application is **\$2972** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$2072**
  - **\$1782** for **99** total claims over 20.
  - **\$290** for multiple dependent claim surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

---

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

JUL 29 2004

# Fee Transmittal for FY 2004

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.TOTAL AMOUNT OF PAYMENT (\$)  
**1,170**

Complete If Known	
Application Number	<b>10/803,179</b>
Filing Date	<b>March 17, 2004</b>
First Named Inventor	<b>Sung Hwan Moon</b>
Examiner Name	
Art Unit	<b>1624</b>
Attorney Docket No.	<b>200146.402C3</b>

## METHOD OF PAYMENT

Payment Enclosed:  
 Check    Credit card    Money Order    Other

## Deposit Account:

Deposit Account Number  
**19-1090**Deposit Account Name  
**Seed Intellectual Property Law Group PLLC**

## The Director is authorized to (check all that apply)

Charge fee(s) indicated below    Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee  
 Charge any deficiencies

to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001	385
			<b>Utility filing fee</b>
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
			<b>Reissue filing fee</b>
			<b>Provisional filing fee</b>
		<b>SUBTOTAL (1)</b>	<b>(\$ 770)</b>

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	35	-20** =	15	*	18	=	270	Extra Claims	Fee from below	Fee Paid
Independent Claims	1	-3** =	00	*		=				
Multiple Dependent										

Large Entity	Small Entity	Fee Description	
Fee Code	Fee (\$)	Fee Code	
1202	18	2202	9
1201	86	2201	43
1203	290	2203	145
1204	86	2204	43
1205	18	2205	9
			<b>Claims in excess of 20</b>
			<b>Independent claims in excess of 3</b>
			<b>Multiple dependent claim, if not paid</b>
			<b>** Reissue independent claims over original patent</b>
			<b>** Reissue claims in excess of 20 and over original patent</b>
		<b>SUBTOTAL (2)</b>	<b>(\$ 270)</b>

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

3. ADDITIONAL FEES		Large Entity		Small		Fee Description	Fee	Code	Fee	Code	Fee
Fee	Fee	Fee	Fee	Fee	Fee						
1051	130	2051	65	SurchARGE - late filing fee or oath							130
1052	50	2052	25	SurchARGE - late provisional filing fee or cover sheet							
1053	130	1053	130	Non-English specification							
1812	2520	1812	2520	For filing a request for ex parte reexamination							
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action							
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action							
1251	110	2251	55	Extension for reply within first month							
1252	420	2252	210	Extension for reply within second month							
1253	950	2253	475	Extension for reply within third month							
1254	1480	2254	740	Extension for reply within fourth month							
1255	2010	2255	1005	Extension for reply within fifth month							
1401	330	2401	165	Notice of Appeal							
1402	330	2402	165	Filing a brief in support of an appeal							
1403	290	2403	145	Request for oral hearing							
1451	1510	1451	1510	Petition to institute a public use proceeding							
1452	110	2452	55	Petition to revive – unavoidable							
1453	1330	2453	665	Petition to revive – unintentional							
1501	1330	2501	665	Utility issue fee (or reissue)							
1502	480	2502	240	Design issue fee							
1503	640	2503	320	Plant issue fee							
1460	130	1460	130	Petitions to the Commissioner							
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)							
1806	180	1806	180	Submission of Information Disclosure Stmt							
				Recording each patent assignment per property (times number of properties)							
8021	40	8021	40	Filing a submission after final rejection (37 CFR § 1.129(a))							
1809	770	2809	385	For each additional invention to be examined (37 CFR § 1.129(b))							
1810	770	2810	385	Request for Continued Examination (RCE)							
1801	770	2801	385	Request for expedited examination of a design application							
Other fee (specify) _____											
*Reduced by Basic Filing Fee Paid										SUBTOTAL (3) (\$ 130)	

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130)

SUBMITTED BY		Customer Number	
Name (Print/Type)	<b>Qing Lin, Ph.D.</b>	Registration No. (Attorney/Agent)	<b>53,937</b>
Signature		Date	<b>July 29, 2004</b>

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
#498557\_1.DOC